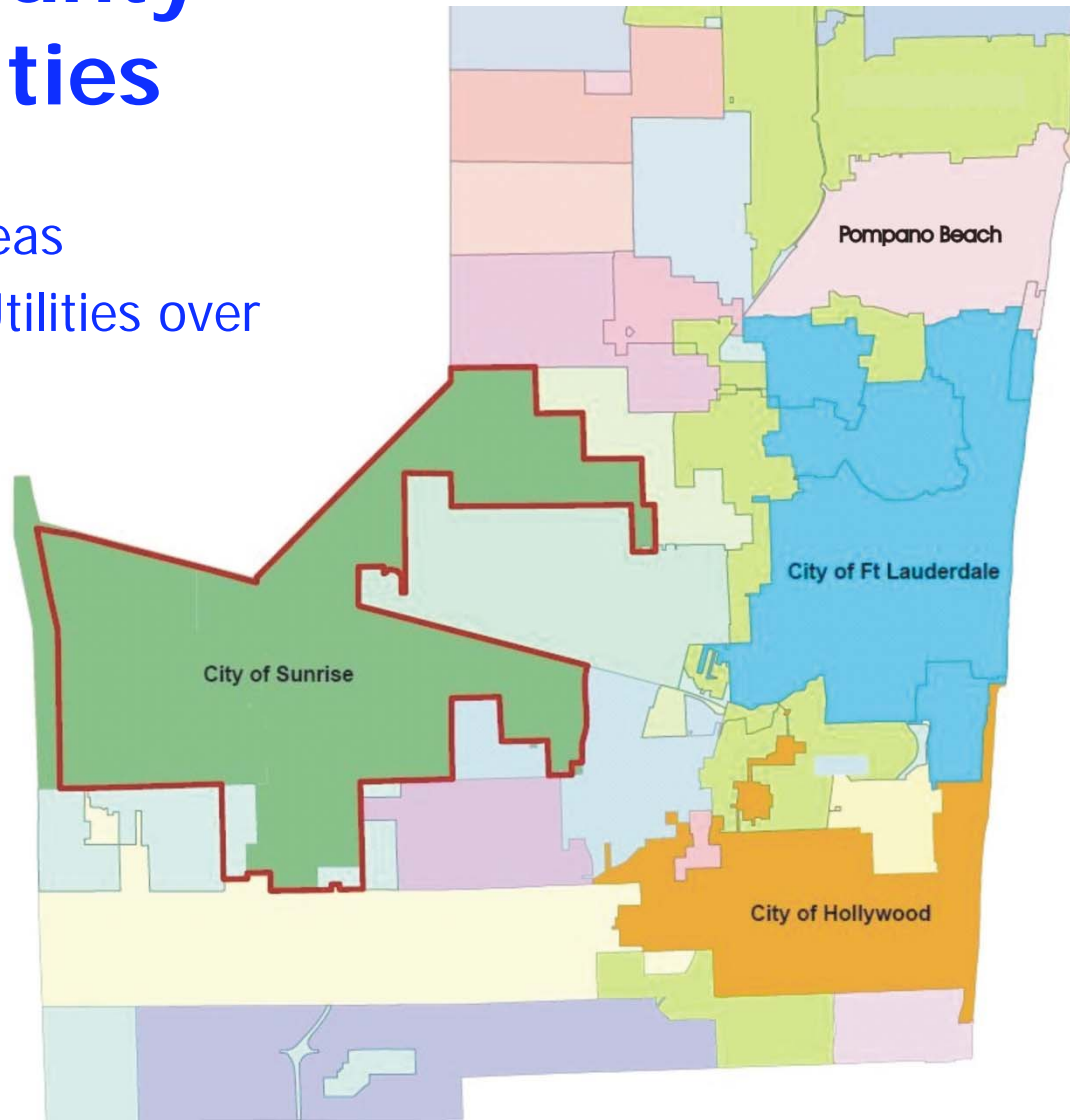




City of Sunrise Utilities Water Facility Plan

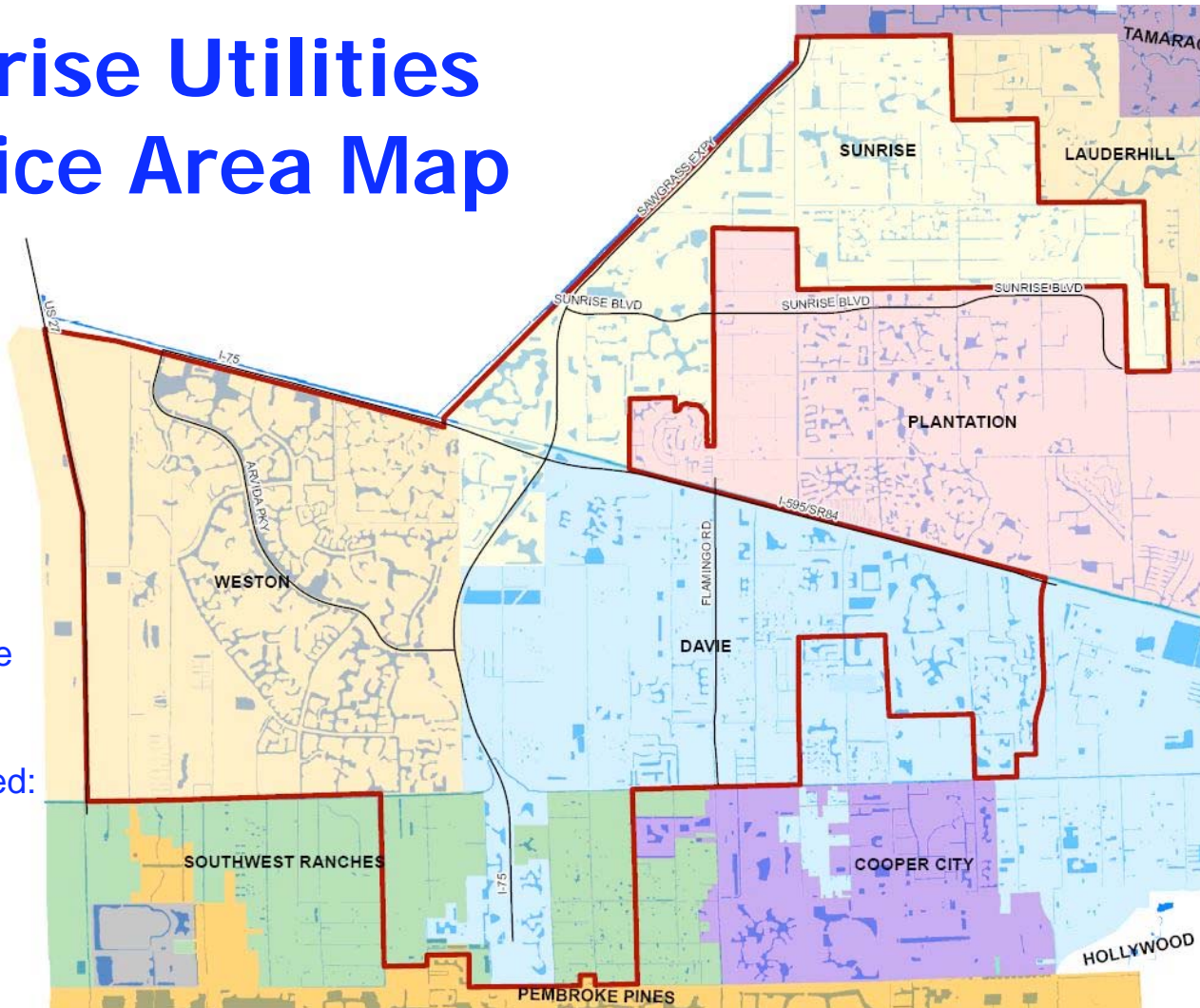
Broward County Water Utilities

- 26 Water Service Areas
- Review 3 “Typical” Utilities over the next 2 Meetings

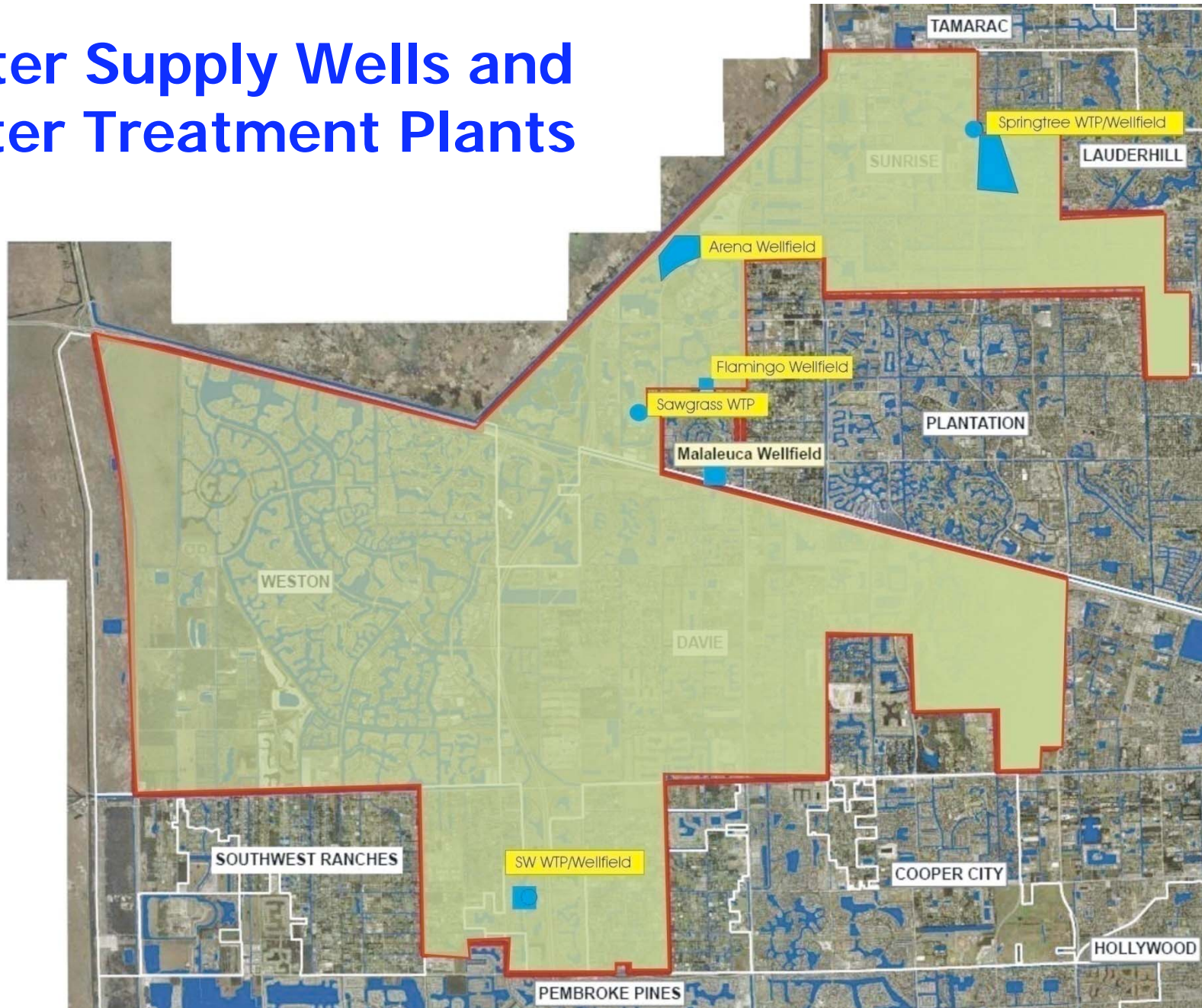


Sunrise Utilities Service Area Map

- 70 Square Miles
- >750 Miles Pipe
- Sunrise
- Weston
- SW Ranches
- portions of Davie
- Population Served:
Over 225,000



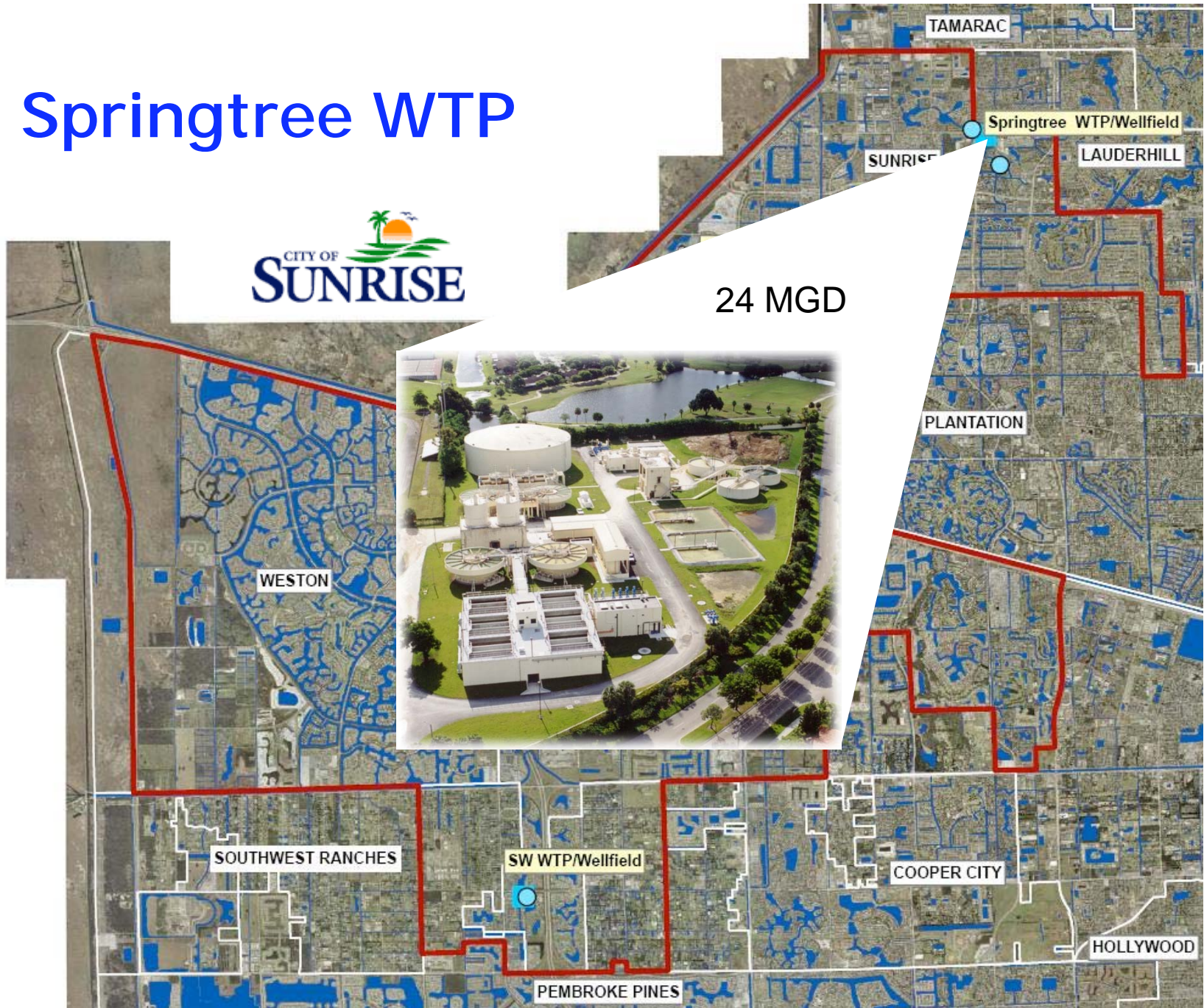
Water Supply Wells and Water Treatment Plants



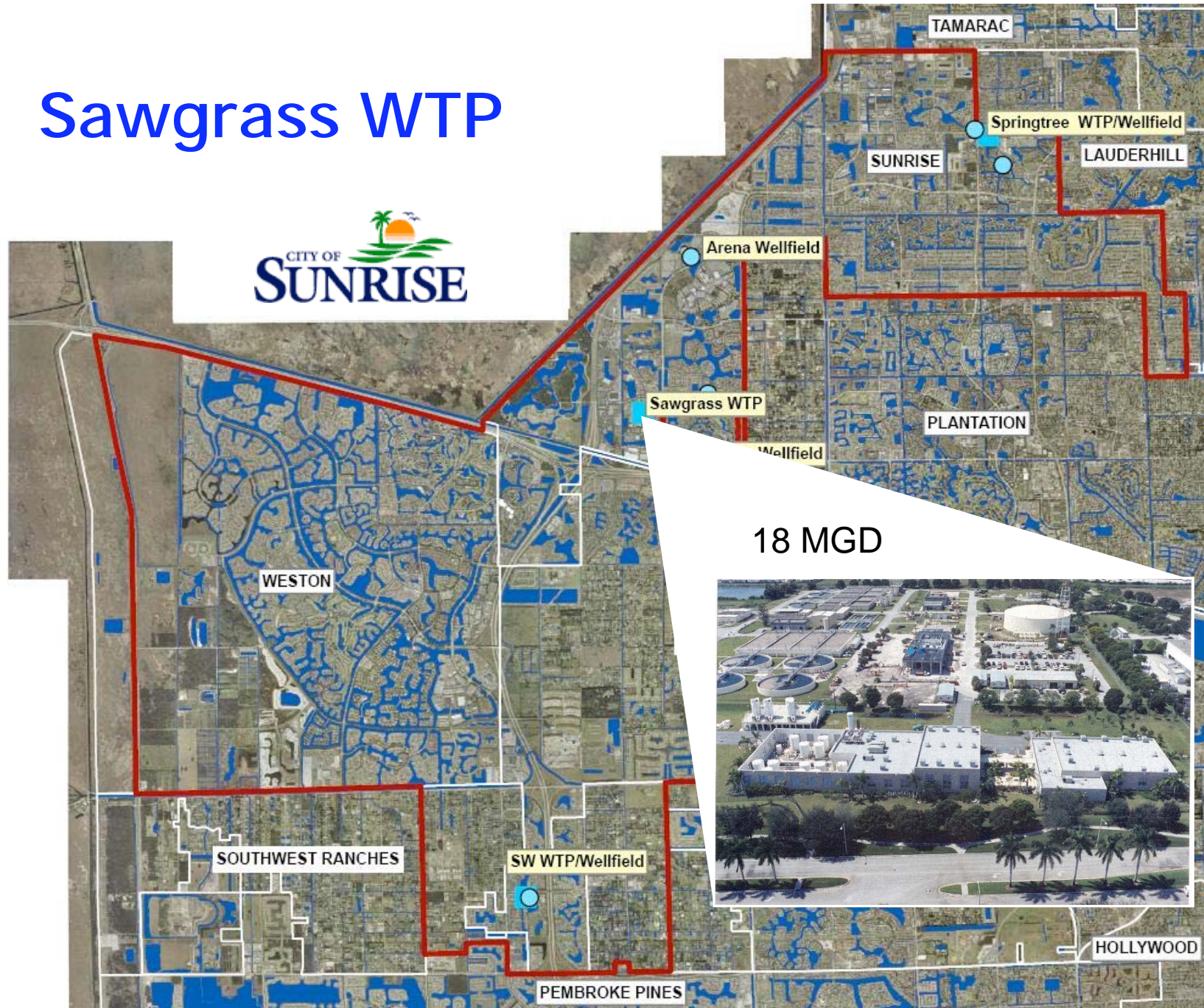
Springtree WTP



24 MGD



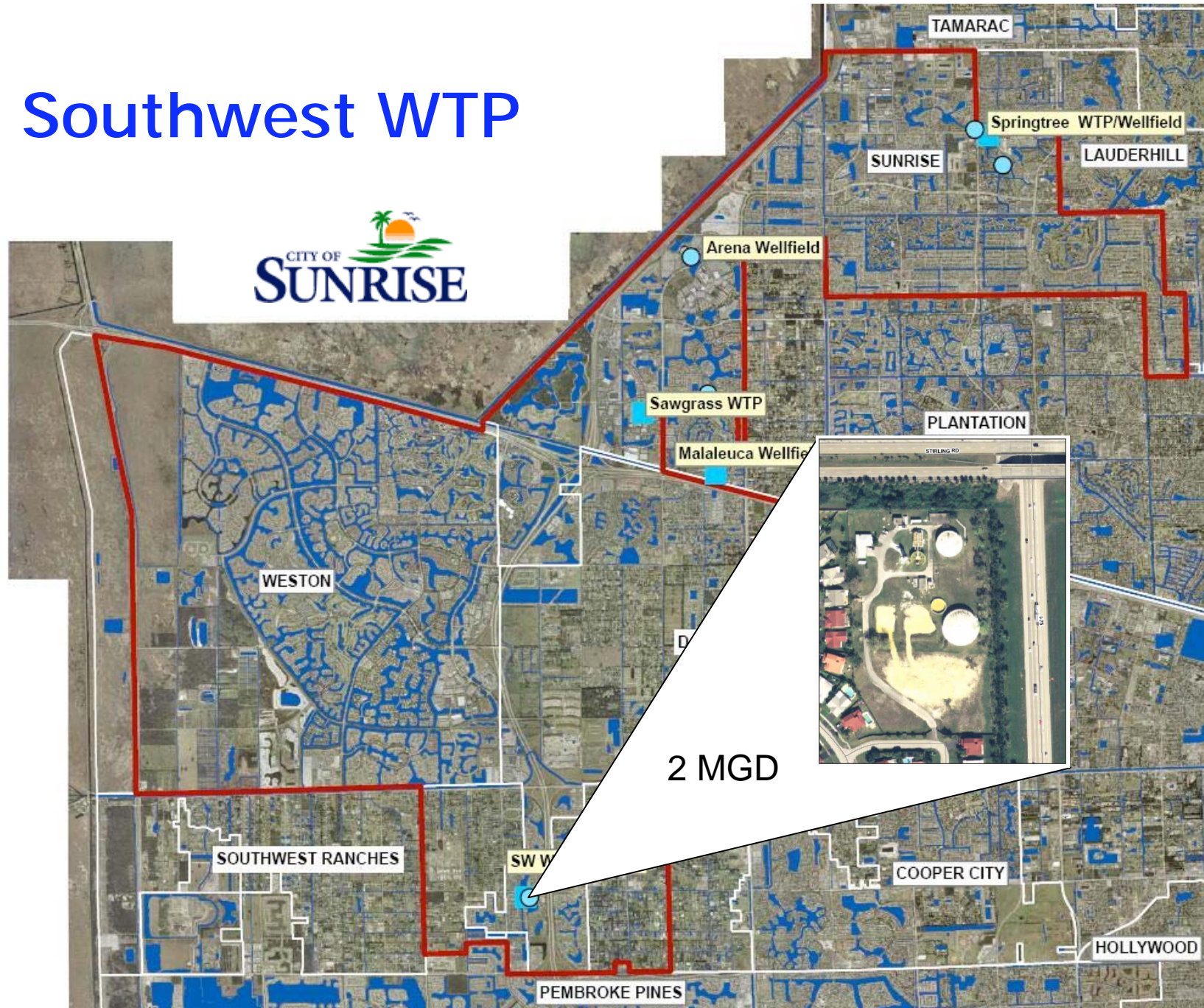
Sawgrass WTP



18 MGD



Southwest WTP

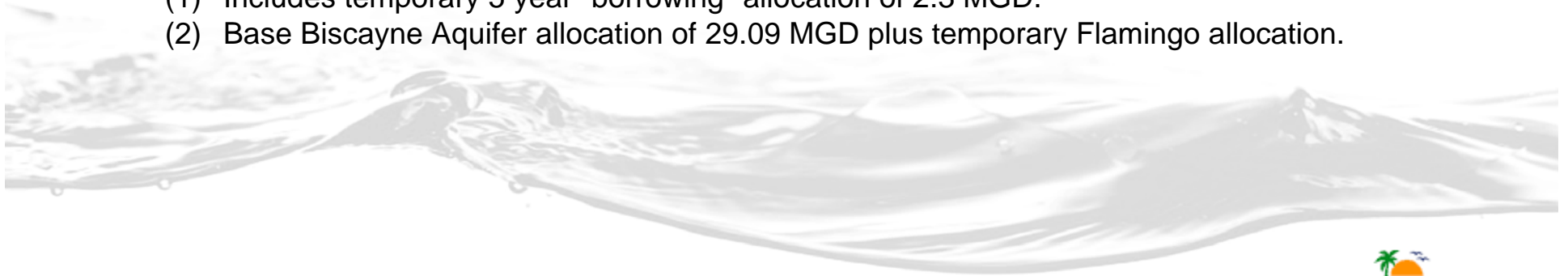


Sunrise Water System Capacity

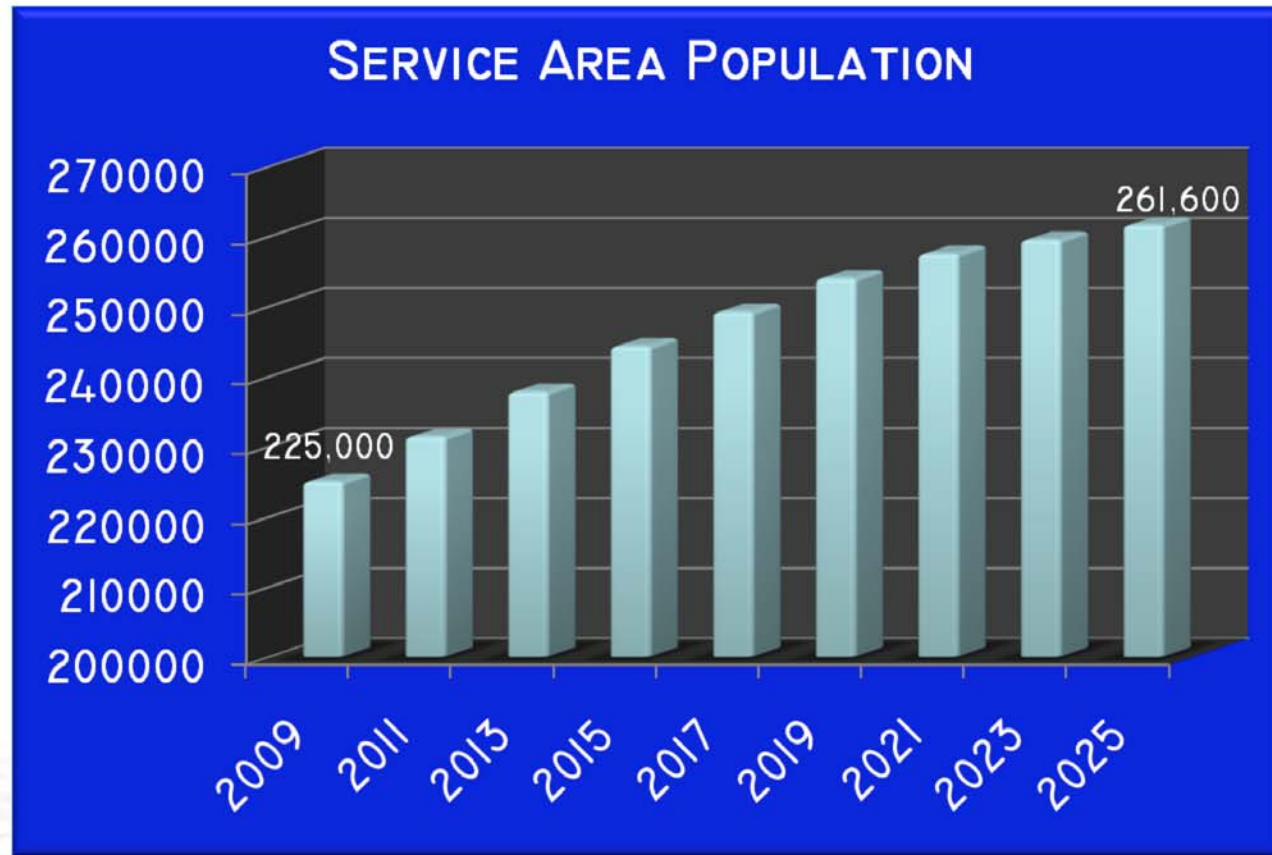
Well Field	Treatment Plant	Plant Rated Capacity	Well Field Capacity	Firm Capacity	Permitted Capacity
Springtree	Springtree	24 MGD	27 MGD	24 MGD	10.7 MGD
Arena	Sawgrass	18 MGD	18 MGD	15 MGD	6.0 MGD
Flamingo	Sawgrass	"	14 MGD	11 MGD	13.6 MGD (1)
Southwest	Southwest	2 MGD	3 MGD	2 MGD	1.1 MGD
	Totals:	44 MGD	62 MGD	52 MGD	31.4 MGD (2)

(1) Includes temporary 5 year "borrowing" allocation of 2.3 MGD.

(2) Base Biscayne Aquifer allocation of 29.09 MGD plus temporary Flamingo allocation.



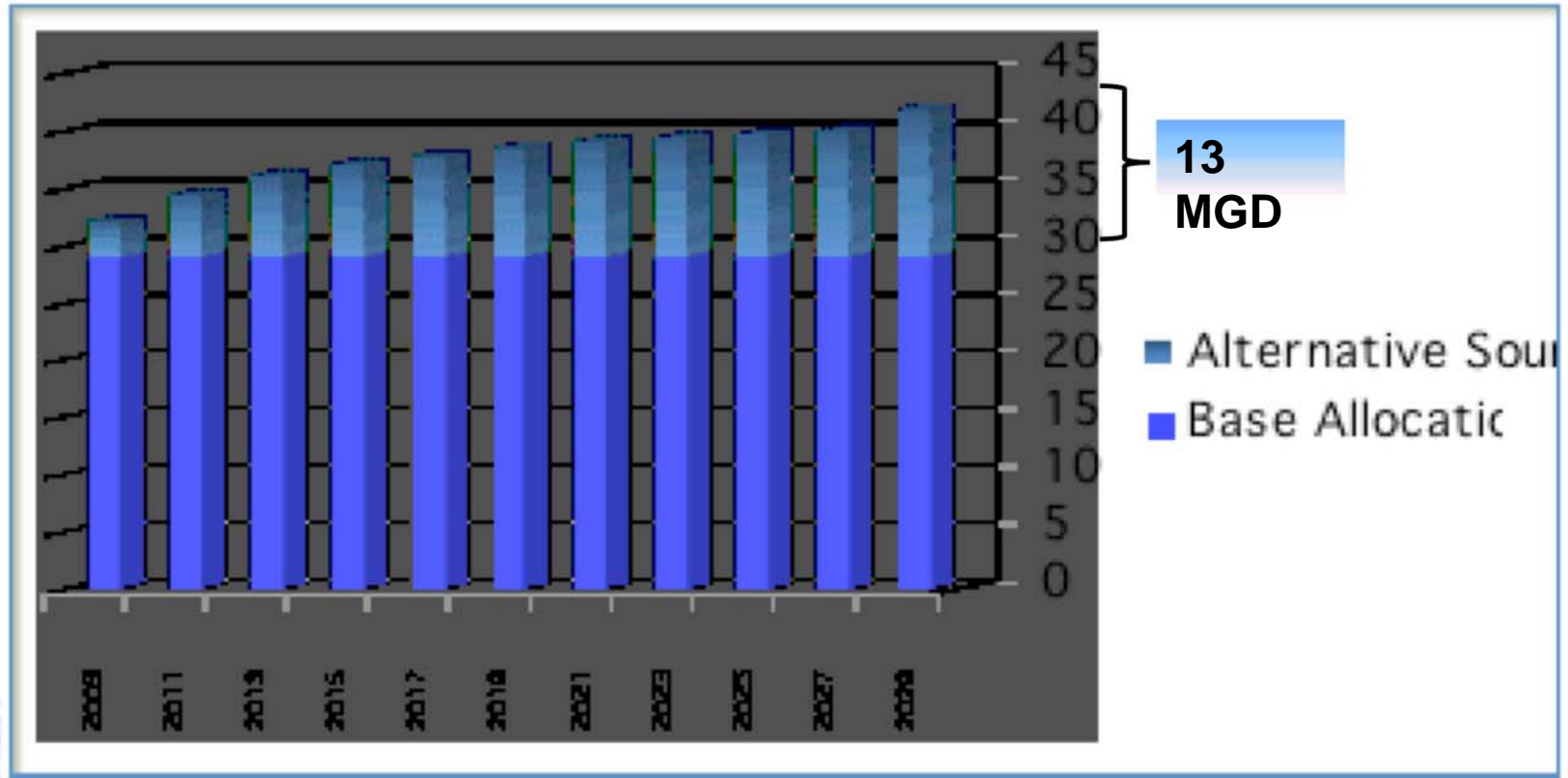
Population Growth



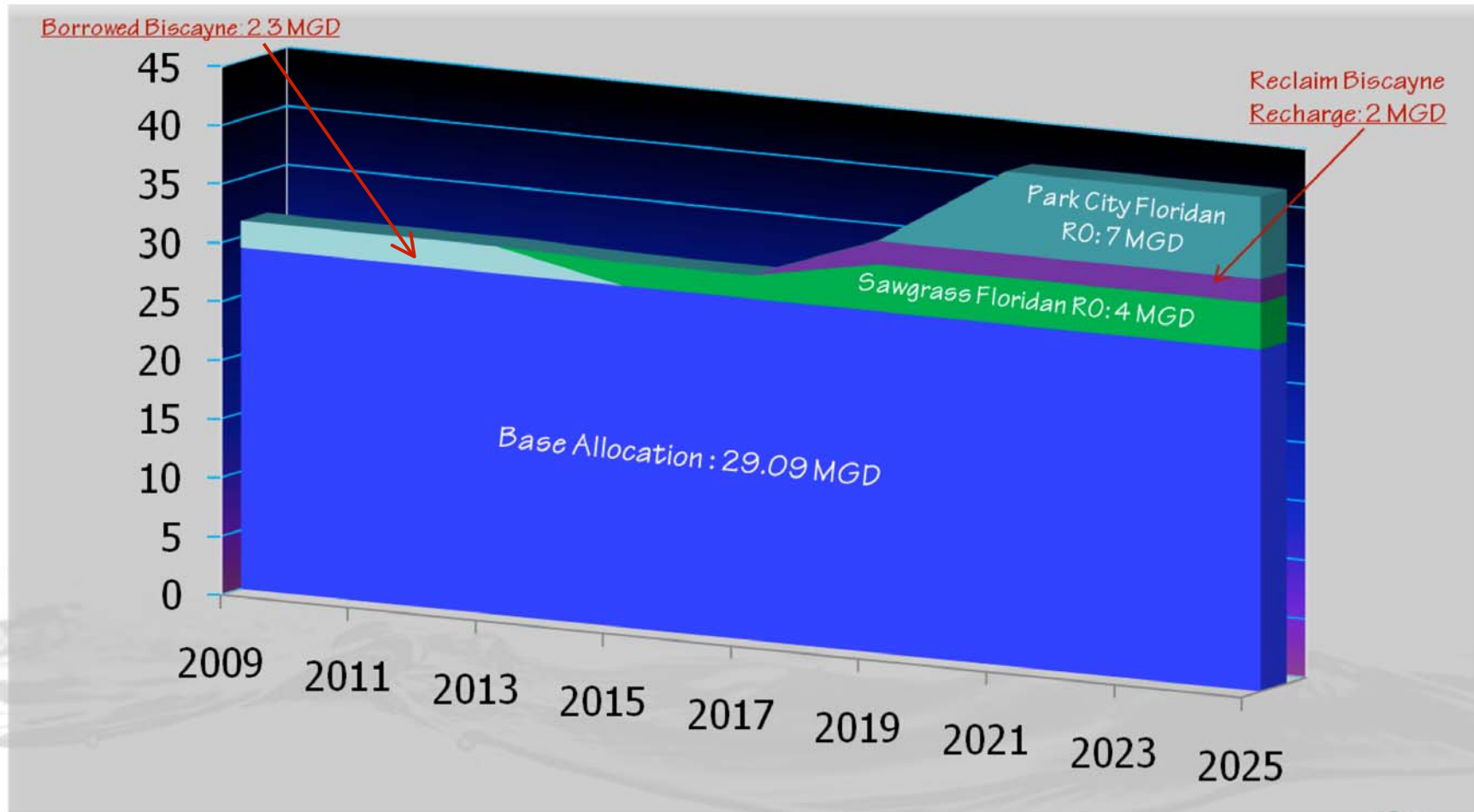
Source: Broward County Traffic Analysis Zone Census Data



Alternative Water Supply Requirements



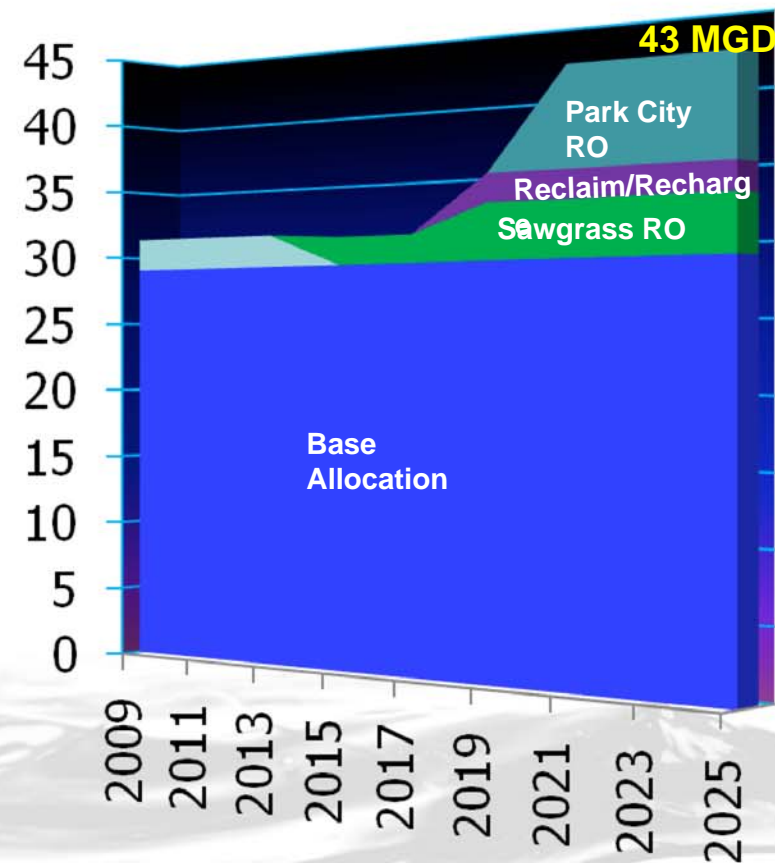
Water Supply by Source



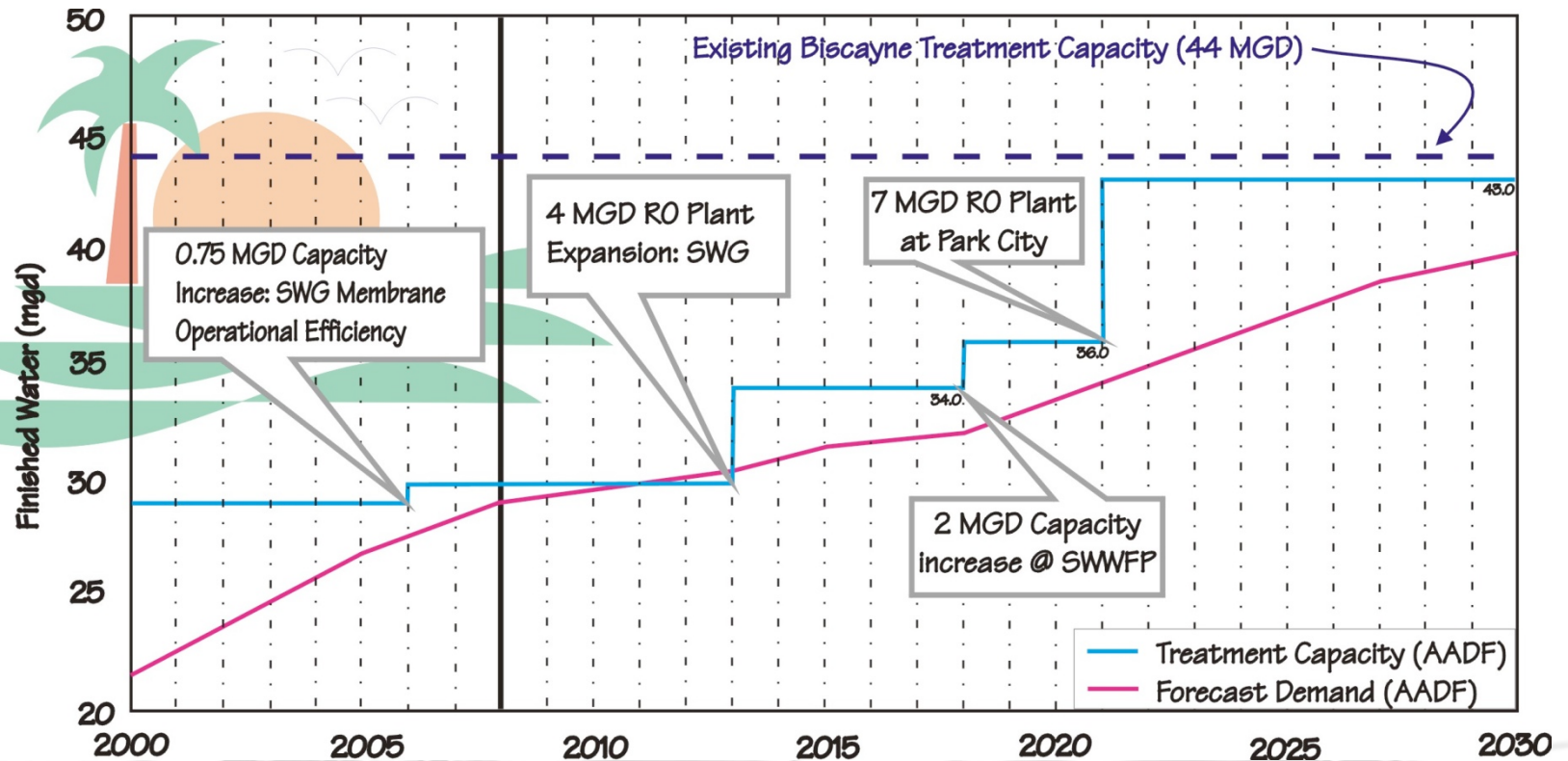
Alternative Water Supply Plan

- 0.75 MGD Optimization (\$0)
- 4 MGD RO Expansion at Sawgrass (\$20 M)
- 2 MGD Reclaim water facility at Southwest (\$24 M)
- 7 MGD RO Floridan Plant at Park City (\$49 M)

Total: ~ \$93 Million



Supply/Demand Tracking



QUESTIONS?

